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Please type plus sign inside this box + PTO/SB/05 (03/01) Approved for use through 10/31/2002 OMB 0651-0032 +

UTILITY PATENT APPLICATION TRANSMITTAL <i>(Only for new nonprovisional applications under 37 1.53(b))</i>	Attorney Docket No.	H 5447 US
	First Inventor	Hans-Heinrich Trutnau et al.
	Title	Flow Cell System
	Express Mail Label No.	EF380104380US

JC 078 U.S. PTO
10/07/49

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

1. Fee Transmittal Form
(Submit an original, and a duplicate for fee processing)
2. Applicant claims small entity status.
See CFR 1.27.
3. Specification [Total Pages / 12 /]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R&D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings *(if filed)*
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 USC 113) [Total Sheets / 3 /]
5. Oath or Declaration [Total Pages / 3 /]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:
Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

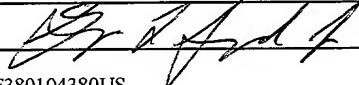
9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of Attorney
(when there is an assignee)
11. English Translation Document *(if applicable)*
12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. Nonpublication Request under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent
17. Other: Checks for \$794.00 & \$40.00

18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of the prior application No: / _____

Prior application information Examiner: _____ Group/Art Unit: _____
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

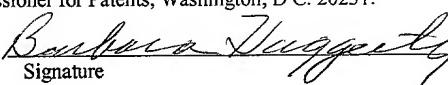
19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label		(Insert Customer No. or Attach bar code label here)		or <input checked="" type="checkbox"/> Correspondence address below		
NAME		George L. Snyder, Jr.				
		Hodgson Russ LLP				
ADDRESS		One M&T Plaza, Suite 2000				
CITY	Buffalo		STATE	New York	ZIP CODE	14203-2391
COUNTRY	United States of America		TELEPHONE	(716) 856-4000	FAX	(716) 849-0349
Name (Print/Type)		George L. Snyder, Jr.		Registration No (Attorney/Agent)		37,729
Signature				Date	February 13, 2002	

"Express Mail" Mailing Label Number EF380104380US

Date of Deposit February 13, 2002

I hereby Certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

Barbara Haggerty
Name

Signature

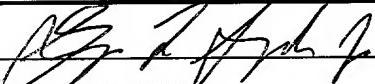
BFLODOCS:658897

**FEES TRANSMITTAL
for FY 2002**

Patent Fees are subject to annual revision.

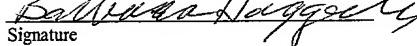
Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT	(\$834.00)	Attorney Docket Number	H 5447 US
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METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)							
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None		3. ADDITIONAL FEES							
<input type="checkbox"/> Deposit Account: Deposit Account Number: <u>08-2442</u> Deposit Account Name: <u>Hodgson Russ LLP</u>		Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description			Fee Paid		
<input type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments		105	130	205	65	Surcharge - late filing fee or oath		\$	
<input type="checkbox"/> Charge any additional fees during pendency of this application.		127	50	227	25	Surcharge - late provisional filing fee or cover sheet		\$	
<input type="checkbox"/> Charge fees indicated below, except for the filing fee to the above-identified deposit account		139	130	139	130	Non-English specification		\$	
		147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination		\$	
FEE CALCULATION									
1. BASIC FILING FEE									
Large Entity Small Entity									
Fee Code (\$)	Fee Code (\$)								
Fee Description									
101 740 201 370 Utility filing fee		\$740	115	110	215	55	Extension for reply within first month		\$
106 330 206 165 Design filing fee		\$	116	400	216	200	Extension for reply within second month		\$
107 530 207 255 Plant filing fee		\$	117	920	217	460	Extension for reply within third month		\$
108 740 208 370 Reissue filing fee		\$	118	1,440	218	720	Extension for reply within fourth month		\$
114 160 214 80 Provisional filing fee		\$	128	1,960	228	980	Extension for reply within fifth month		\$
SUBTOTAL (1)		\$740	119	320	219	160	Notice of Appeal		\$
2. EXTRA CLAIM FEES FOR UTILITY/ REISSUE		Fee Paid							
Extra Fee from Claims below		120	320	220	160	Filing a brief in support of an appeal			\$
Total Claims /23 / - 20** = / 3 / x /18/ =		\$54	121	280	221	140	Request for oral hearing		\$
Independent Claims / 2 / - 3** = / 0 / x /84 / =		\$0	138	1,510	138	1,510	Petition to institute a public use proceeding		\$
Multiple dependent / / x / / =		\$	140	110	240	55	Petition to revive - unavoidable		\$
Large Entity Small Entity									
Fee Code (\$)									
Fee Description									
103 18 203 9 Claims in excess of 20		143	460	243	230	Design issue fee			\$
102 84 202 42 Independent claims in excess of 3		144	620	244	310	Plant issue fee			\$
104 280 204 140 Multiple dependent claim if not paid		122	130	122	130	Petitions to the Commissioner			\$
109 84 209 42 **Reissue independent claims over original patent		123	50	123	50	Processing fee under 37 CFR 1.17(q)			\$
110 18 210 9 **Reissue claims in excess of 20 and over original patent		126	180	126	180	Submission of Information Disclosure Statement			\$
SUBTOTAL (2)		\$54	581	40	581	40	Recording each patent assignment per property (times number of properties)		\$40
SIGNATURE: 		146	740	246	370	Filing a submission after final rejection(37 CFR 1.129(a))			\$
George L. Snyder, Jr. Reg. No. 37,729		149	740	249	370	For each add'l invention to be examined(37 CFR 1.129(b))			\$
DATE: February 13, 2002 Telephone. (716) 856-4000		179	740	279	370	Request For Continued Examination (RCE)			\$
		169	900	169	900	Request for Expedited Examination of a design appln.			\$
		Other fee (specify) _____						\$	
		*Reduced by basic filing fee paid						SUBTOTAL (3)	\$40

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Barbara Haggerty
Name
SignatureFebruary 13, 2002
Date of Signature

BFLODOCS: 658900